

Student Name: _____
Student ID#: G

Minor: _____

Study Plan for B.S., COMPUTER SCIENCE Major
(2016-17 Catalog) (MTH 122 Placement - 4 Year Program)

1st Year	1st Semester: Fall_____						Credits	Grade	Semester Completed	2nd Semester: Winter _____						Credits	Grade	Semester Completed	Semester: S/S _____						Credits	Grade	Semester Completed
	\$	MTH	122	College Algebra	3	_____	_____			MTH	123	Trigonometry	3	_____	_____			_____	_____	_____	_____	_____	_____				
		WRT	150	Writ Strategies	4	_____	_____			*	CIS	163	Comp Sci II	4	_____	_____			_____	_____	_____	_____					
	*	CIS	162	Comp Sci I	4	_____	_____			*	COM	201	Speech	3	_____	_____			_____	_____	_____	_____					
	*	STA	215	Intro App Stats	3	_____	_____			*	MTH	225	Discrete Structures	3	_____	_____			_____	_____	_____	_____					
		GE - Arts		_____	3	_____	_____				GE - P & L		_____	3	_____	_____			_____	_____	_____	_____					
2nd Year	3rd Semester: Fall_____						Credits	Grade	Semester Completed	4th Semester: Winter _____						Credits	Grade	Semester Completed	Semester: S/S _____						Credits	Grade	Semester Completed
		MTH	201	Calculus I	4	_____	_____			MTH	202	Calculus II	4	_____	_____			_____	_____	_____	_____	_____	_____				
		MTH	325	Discrete Struct II	3	_____	_____			CIS	263	Data Struct & Algor	3	_____	_____			_____	_____	_____	_____	_____	_____				
		CIS	251	Comp Orgztn	3	_____	_____			CIS	353	Database	3	_____	_____			_____	_____	_____	_____	_____	_____				
	@	CIS	290	Intern Prep	1	_____	_____			GE - Hist		_____	3	_____	_____			_____	_____	_____	_____	_____	_____				
		GE - SBS (1)		_____	3	_____	_____			GE - SBS (2)		_____	3	_____	_____			_____	_____	_____	_____	_____	_____				
3rd Year	5th Semester: Fall_____						Credits	Grade	Semester Completed	6th Semester: Winter _____						Credits	Grade	Semester Completed	Semester: S/S _____						Credits	Grade	Semester Completed
		CIS	350	Intro Soft/ Engrg (SW	3	_____	_____			CIS	343	Struct of Prog Langs	3	_____	_____			^	CIS	490	Internship	2-5	_____	_____			
		CIS	457	Data Commun	4	_____	_____			CIS	451	Comp Architecture	4	_____	_____					_____	_____	_____	_____				
		GE - WP		_____	3	_____	_____			CIS	Elec	_____	4	_____	_____					_____	_____	_____	_____				
	+	Sci Seq #1		_____	4	_____	_____			+	Sci Seq #2		5	_____	_____					_____	_____	_____	_____				
		GE - US		_____	3	_____	_____																				
4th Year	7th Semester: Fall_____						Credits	Grade	Semester Completed	8th Semester: Winter _____						Credits	Grade	Semester Completed	Semester: S/S _____						Credits	Grade	Semester Completed
		CIS	452	Op Sys Concepts	4	_____	_____			CIS	467	Comp Sci Project	3	_____	_____			_____	_____	_____	_____	_____	_____				
	+	Sci Seq #3		_____	4	_____	_____			*	WRT	350	Bus Comm (SWS)	3	_____	_____			_____	_____	_____	_____					
		CIS	Elec	_____	3/4	_____	_____			CIS	Elec	_____	3/4	_____	_____			_____	_____	_____	_____	_____	_____				
		GE - Issue		_____	3	_____	_____			GE - Issue		_____	3	_____	_____			_____	_____	_____	_____	_____	_____				

Secondary Admissions Criteria:

- ♦ A GPA of 2.5 or above in all GVSU coursework
- ♦ Completion of each course in the Technical Core with a grade of C (2.0) or above, **with no more than one repeat**
- ♦ Avg GPA of 2.5 or above in Technical Core

Legend

- * Technical Core. Recommend CIS 162 prior to taking MTH 225.
- @ Intern prep became a requirement with 2009-10 catalog. Technical core must be completed prior to registering for CIS 290.
- + Science sequence and general education natural science
- \$ Students may take MTH 180 (124) in place of MTH 122 and MTH 123

+ Science Sequence (Minimum of 13 credits) Choose **one** sequence - **fulfills gen ed natural science requirements**

Biology sequence: BIO 120 (4 cr) and BIO 121 (4 cr) **plus** one 5-credit physical science (with lab) **or** two 3-credit physical sciences (without lab)

Chemistry sequence: CHM 115 (4) and CHM 116 (5) **plus** one 4-credit life science (with lab) **or** two 3-credit life sciences (without lab)

Physics sequence 1: PHY 220 (5) and PHY 221 (5) **plus** one 3-credit life science (without lab)

Physics sequence 2: PHY 230 (5) and PHY 231 (5) **plus** one 3-credit life science (without lab)

PCEC Student Services: (616)331-6025